## PATENTS RELATING TO ARCHITECTURE, ENGINEERING, &c.

*Granted between 26th February and 28th of March, 1844.*

[SIX MONTHS FOR ENROLMENT.]

John Robert Dickeee, of Old Compton-street, Soho-square, artist, for improvements in the manufacture of mosaics. March 30.

William Croskill, of the Iron Works, Beverley, for improvements in machinery for making wheels for carriages. March 30.

Henry Clayton, of Upper Park-place, Dorset-square, Regent's-park, plumber and machinist, for improvemeots in the manufacture of tiles, drain pipes, or tubes and bricks. March 30.

Frederick Brown, of Luton, Bedford, ironmonger, for improvements in stoves. April 10.

James Murray, of Garnkirk Coal Company, Scotland, for a new method of using and applying artificial gas made from coal, oil, or other substances, for lighting and ventilating caverns, pits, or mines, or other pits where minerals or metals are worked or extracted. April 10. (Four months.)

John Aitken, of Surrey-square, for improvements in water machines, or engines and steam-engines, and the mode of traction on, or in canals or other waters or ways. April 10.

George William Lenox, and John Jones, of Billiter-square, London, merchants, for improvements in the manufacture of sheaves and shells for blocks, and of bolt rings or washers, for the purposes of shipwrights and engineers. April 10.

James Kennedy, of the firm of Bury, Curtis, and Kennedy, of Liverpool, engineer, and Thomas Vernon, of the same place, iron ship builder, for certain improvements in the building or construction of iron and other vessels for navigation on water. April 15.

John Lawson, of Leeds, engineer, and Thomas Robinson, of the same place, flax-dresser, for certain improvements in machinery for heckling, dressing, combing, and cleaning flax, wool, silk, and other fibrous substances. April 16.

Edgar Heale, of Brixton, gent., for certain improvements in the construction of carriages for the conveyance of passengers on roads and railways. April 18.

Donald Grant, of Greenwich, Esq., for improvements applicable to the ventilation of apartments in which gas and other combustible matters are consumed by ignition. April 18.

John Bailey Denton, of Gray's-Inn-square, land-agent, for improvements in machinery for moulding or shaping clay and other plastic substaoces, for draining and other purposes. April 18.

Joseph Woods, of Barge-yard Chambers, Bucklersbury, gent., for improvements in regulating the power and velocity of machines for communicating power, being a communication. April 18.

William Hodson, of New King-street, Kingston-upon-Hull, estate-agent, for a machine for making and compressing bricks, tiles, square pavers, and ornamental bricks. April 18.

Peter Lear, of Boston, Suffolk, of the State of Massachussets, America, gent., for certain new and useful improvements in machinery for propelling vessels through the water. April 23.

William Taylor, of Birmingham, door-spring manufacturer, for improvements in the manufacture of axle-pulleys, and in pegs or pins for hanging hats or other garments. April 24.

Charles Harrison, manager of the Coel Talon and Leswood Iron Works, Flintshire, for certain improvements in the manufacture of cast-iron pipes and other castings. March 26.

Elisha Haydon Collier, Esq., of Goldsworthy Terrace, Rotherhithe, Surrey, civil engineer, for certain improvements in the construction of furnaces and flues. March 27.

Joseph Dickinson Stagg, of Middleton, in Teesdale, Durham, Manager of Smelting Works, for a new and improved plan for collecting, condensing, and purifying the fumes of lead, copper, and other ores and metals, also the particles of such ores and metals arising, or produced from the roasting, smelting, or manufacturing thereof, and also the noxious smoke, gases, salts, and acids, soluble and absorbable in water generated in treating and working such ores and metals. March 30.

William Edward Newton, 66, Chancery-lane, Middlesex, civil engineer, for an improvement or improvements in furnaces, being a communication. April 4.

John Stevelly, of Belfast, Ireland, professor of natural philosophy, for improvements in steam-engines. April 10.

Thomas Nash, of Paul's Cray, Kent, paper-maker, and Francis Pirie, of Watling-street, London, paper-maker, for certain improvements in the manufacture of paper, and in the machinery to be used therein. April 11.

## Correspondence.

ALTERATIONS AT THE CARLTON CLUB-HOUSE.

SIR,—Not having seen in your valuable publication an account of a most important competition now in progress, viz. for altering or rebuilding the Carlton Club-House in Pall-mall, I beg to send you an account. On the 16th of March last there was a general meeting of the Club, when it was determined to make extensive alterations and additions to the Club House, and to call upon fourteen of the first architects in London to furnish designs. The meeting then proceeded to name the architects who were to compete. The architects so named were:—

Mr. Barry, Great George-street; Mr. Sydney Smirke, Berkeley-square; Mr. Basevi, Saville-row; Mr. Hardwick, Russell-square; Mr. Cockerell, the Bank; Mr. D. Burton, Spring-gardens; Messrs. Lee and Bury, Golden-square; Mr. Pugin, Chelsea; Mr. Railton, Carlton-chambers; Mr. Blore, Manchester-square; Mr. Matthew Wyatt, sen.; Mr. Salvin, Saville-row; Mr. Poynter, Poet's-corner, Westminster; Mr. Hopper, Connaught-terrace.

On the 19th a letter was sent to each of the above gentlemen, stating that at a general meeting of the Carlton Club, held on the 16th March, it was resolved that extensive alterations and additions should be made to the present Club House, and that the limited number of fourteen eminent architects should be invited to furnish plans, elevatinns, &c., that a premium of 200*l.* should be awarded to the most approved plan in case it should not be adopted by the Club, and that a sum of 100*l.* should be awarded to the second best plan in case the first should be adopted. The plans to be sent in to Mr. Jephson, the Secretary of the Club, on or before the 1st of May. The name of the architect not to be affixed to the plans, but a mark or motto to be attached, &c. &c.

The committee also issued instructions as to the nature of the design, accommodation required, &c.

The designs, in accordance with the resolution, were sent in this day, and as it is important that THE BUILDER should contain all information interesting to the profession, perhaps you will think this letter worthy of insertion.

I am, Sir, your obedient servant,
A SUBSCRIBER FROM THE FIRST.

THE SOCIETY OF ARCHÆOLOGISTS AND ARCHITECTS, NEWCASTLE-UPON-TYNE.

SIR,—You will doubtless be glad to hear of the formation of a Society in Newcastle-upon-Tyne, entitled "The Society of Archæologists and Architects, Newcastle-upon-Tyne," to have for its objects the accumulation of architectural detail, historical data, and antiquarian information respecting the ancient buildings (especially ecclesiastical) in the north of England, and eventually the publication of the results of its labours. Thus, by being put in possession of a multitude of examples, the architect will be enabled to furnish designs for modern erections, according to the best models of antiquity, which in these matters (at least) appear to be our only true guide.

Each member is expected, at least once in three months, to produce and present to the Society a drawing or drawings of the whole or of part of an ancient building, together with any deductions, opinions, inferences, and historical data which he may have collected respecting it. The drawings and MSS. are intended to circulate among the members for their mutual use; and when the Society becomes powerful and rich enough, they will be published, each member being entitled to a copy, and a certain number printed for general sale. When any expenses occur, each member will pay a moiety. Any person residing in the counties of Northumberland, Durham, Cumberland, and Westmoreland is eligible as a member, provided he possess a taste for such subjects, is able to engage in them, and the majority of the members are agreeable, when his admission is proposed.

The necessity of such an institution is apparent. Besides the value of a *society* professing a determination to do what they can for its professed objects; beyond, the great value attachable to the results of its labour, such labour is the more incumbent when we witness the almost daily remorseless demolition of so many of our venerable remains, by the utilitarian rage, when to a person of taste their very age (if even there were no higher motive) should preserve them from destruction. Although we have had but one meeting, considerable interest is excited, and many are applying for membership. A large field is open for our exertion; perhaps there does not exist one finer than that to which our labours are more particularly to be directed.

I have sanguine hopes of its ultimate utility both to its members and to the public.

G. B. RICHARDSON, Hon. Sec. and Treasurer.

Grey-street, Newcastle.

[We have not this week time to make any observations upon the formation of this society.—ED.]

TIMBER SCARFING.

SIR,—I should like to know from your correspondent, "A Practical Carpenter," whether he means the scarf he has contributed in page 193 of THE BUILDER (and which he says he considers preferable to any of those in Mr. Wyson's paper on scarfing) to be *equally applicable to timbers in tension and in compression, and if placed in any position*; as it appears important to arrive at such a form of scarf as should not only be the best of its kind, but suitable under all circumstances.

It appears to me that the scarf fig. 18, page 75, is better than that above referred to, inasmuch as three keys form a greater obstacle than one to prevent the parts from sliding on each other, and the small end abutments would not be so liable to be broken off. I submit, however, to his superior judgment.

I am, Sir, your obedient servant,
A CARPENTER.

Holloway, April 18, 1844.

## Miscellanea.

ROCHESTER BRIDGE.—On Friday, April 19, the annual meeting of the Commonalty of Rochester-bridge was held as usual within the castle of that city. On the business of the day being commenced, the annual statement was read by the clerk, George Essell, Esq., from which it appeared that the rents, dividends, &c., of the corporation of the bridge for the past year amounted to near 5,000*l.*, out of which, after paying the current expenses of repairs of the fabric, &c., and the purchase of some property near the bridge, a sum of nearly 3,500*l.* had been invested in the public funds. The present funded capital belonging to the trust amounts to about 72,000*l.* On the subject of a new bridge, the wardens informed the meeting, that they had taken means to obtain an estimate from their surveyor, and some friendly discussion arose among the gentlemen present, when the general feeling appeared to be that the time for undertaking a new bridge has not yet arrived, and the wardens assured the meeting that a work of such magnitude would not be attempted until ample means have been provided without rendering the contributing parishes liable to be burdened in the slightest degree.

THE NEW CORN EXCHANGE, COLCHESTER.—At a meeting held on Saturday fortnight, to decide on the site of the new corn exchange, it was determined to adopt the spot recommended by the committee, which comprises the site of St. Peter's Vicarage, enlarged by the addition of other ground, and which altogether affords a space about one-third larger than the present corn-exchange.

For more information on PDF Compression and OCR go to ThePaperlessOffice.org